

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**COPY**

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

**SUBMIT IN TRIPLICATE**

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	5. LEASE DESIGNATION AND SERIAL NO SF-078048
2. NAME OF OPERATOR CONOCO INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS AND TELEPHONE NO. P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1613	7. IF UNIT OR CA, AGREEMENT DESIGNATION PORKCHOP FEDERAL
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 1815' FNL - 1160' FWL, Sec. 27, T26N-R07W, Unit Letter 'E'	8. WELL NAME AND NO. PORKCHOP FEDERAL 27 #1E
	9. API WELL NO. 30-039-25954
	10. FIELD AND POOL, OR EXPLORATORY AREA BASIN DAKOTA
	11. COUNTY OR PARISH, STATE RIO ARriba COUNTY, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: <u>Completion of Dakota</u> <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

**PLEASE SEE ATTACHED DAILY SUMMARY OF COMPLETION DETAILS.**

**PLEASE KEEP CONFIDENTIAL!**

14. I hereby certify that the foregoing is true and correct

SIGNED Debra Sittner  
(This space for Federal or State office use)

TITLE DEBRA SITTNER, As Agent for Conoco Inc. DATE 11/29/00

APPROVED BY \_\_\_\_\_  
Conditions of approval, if any:

TITLE \_\_\_\_\_

DEC 15 2000

DATE

WASHINGTON FIELD OFFICE  
BY [Signature]

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See instruction on Reverse Side

*NMSed*

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PORKCHOP FED 27-1E (GDH 10/12/2000)

**Initial Completion****Daily Summary**

API	300392595400	Field Name LINDRITH	Area SOUTH	County RIO ARRIBA	State/Province NEW MEXICO	Operator	License No			
KB Elev (ft)	6232.00	Ground Elev (ft)	6219.00	KB-CF (ft)	13.00	KB-TH (ft)	13.00	Plug Back Total Depth (ft/KB)	Spud Date 9/12/00	Rig Release Date
Start	Ops Thru									
10/9/00	Road rig to location. Rig up and spot all equipment. NDWH & NUBOP. RIH with 3 7/8" bit and 2 3/8" tbg. Tagged cement @ 3610'. Drilled to DV tool @ 3698'. Circulate well clean. SHUT DOWN									
10/10/00	Continue to RIH with 2 3/8" tubing. Tagged cement @ 6016'. Drilled cement to DV @ 6095'. Drilled up DV @ 6095'. Continued to RIH and drilled out to FC @ 6961'. PBD @ 6961'. Circulate well clean. Circulated well with 2% filtered water. Tested casing to 1800 psi. POOH with 2 3/8" tubing with bit. SHUT DOWN									
10/11/00	Rig up Blue Jet to run CBL log. Ran GR/CCL/CBL log from 6961' to 3450'. Ran CBL with 1800 psi on the casing. TOC @ 5050'. Rigged down Blue Jet. Pressure tested casing to 4300 psi. OK. RIH with 2 3/8" tubing to 3450'. Rigged up to swab. Swabbed well down to SN @ 3450'. POOH with 2 3/8" tubing. SHUT DOWN									
10/12/00	Rigged up Blue Jet. RIH with 3 1/8" HSC. 120 degree phasing select fire perforating gun. Perforated the LOWER DAKOTA Sand from 6796' - 6816'. 4 SPF. Total Holes 80. 0 psi on casing after perforating. POOH with 3 1/8" HSC. Rigged down Blue Jet. RIH with 2 3/8" tubing to 6779'. Rigged up to swab. Swabbed well down to top perf @ 6796'. Monitored well head pressure - no change. 0# pressure. SHUT DOWN									
10/13/00	Check well pressures. CSG - 270 psi. TBG - 250 psi. Tried to flow well thru 1/4" choke. Well flowed for approx 15 Min and died. Rig up pump - tried to break down Lower Dakota perms with water. Could only pump in @ 1 BPM @ 2500 PSI. Pumped a total of 20 BBLS into formation. Shut down pressure dropped down to 2200#. Bleed well down. Flowed back approx 10 BBLS of water. Well pressure went to 0 PSI. Rigged up to swab. Swabbed well down to top perf @ 6796'. SHUT DOWN									
10/16/00	Check well pressures. TBG - 1350 psi. CSG - 1200 psi. Blow tubing down. Rigged up to swab. Initial FL @ 3600'. Made 6 runs, and well started flowing. Flowed for 30 minutes and well logged off. RIH with swab. 500' of fluid. Could not get to flow again. SHUT DOWN									
10/17/00	Check well pressures. TBG - 800 psi. CSG - 725 psi. Flow back on 1/4" choke nipple. Flowed for 2 hrs. Logged off again. Rigged up and swabbed well again. Initial FL @ 5700'. Made 2 swab runs, and swabbed well down. POOH with 2 3/8" tubing. SHUT DOWN									
10/18/00	Check well pressures. CSG - 750 psi. ND Frac Valve. Rig up Drill Gas Compressors, and Blowie Line. NU Frac Valve. Prep well to frac. SHUT DOWN									
10/19/00	Checked well pressures. CSG - 1400 psi. NU Frac Y. Rigged up BJ to frac. Fraced well with 15,000# of 20/40 Brady Sand, in formation. Pumped a total of 1020 BBLS of slickwater @ 20 BPM avg rate @ 3400 psi avg pressure. Max pressure 3660 psi. Max sand conc .5#/gal. ISIP - 2500 psi. Well screened out. (NOTE: FRAC WAS TAGGED WITH 2 ISOTOPES). Rigged down BJ. Started flowing well back thru 1/4" choke nipple. Well flowed for 1 Hr and died. RIH with 108 jts of 2 3/8" tubing. SHUT DOWN									
10/20/00	Check well pressures. CSG - 400 psi. TBG - 480 psi. Blow well down. Start up 2 drill gas compressors, and unload well @ 3402'. Continue to RIH with 2 3/8" tubing. Tagged fill @ 6805'. Started 2 drill gas compressors and cleaned sand fill to 6841'. Pull up to 6778'. Blow well around with gas, well would not flow. SHUT DOWN									
10/21/00	Check well pressures. TBG - 380 psi. CSG - 300 psi. Blow well down. RIH to tag for fill. NO FILL. Pull up to top perf. Start up 2 drill gas compressors and blow well around. Shut down compressors, and well logged off with fluid. Start 2 drill gas compressors and blow well around again. Well flowed for a short time and logged off again. Took water sample to BJ for analysis. SHUT DOWN									
10/23/00	Check well pressures. CSG - 1500 psi. TBG - 950 psi. Blow down tbg well did not flow. Blow down casing. RIH with 5 jts. tagged fill @ 6819'. Started 2 drill gas compressors and unloaded well @ 6788'. POOH with 216 jts of 2 3/8" tubing. ND Blowie T and NU Frac Valve. Rig up Blue Jet. Set Hallib Fas Drill Plug @ 6775'. Tested plug to 3800 psi. OK. Perforated Upper Dakota @ 6725'-6738' 1SPF 14 Holes. Perf 6714'-6717' 1SPF 4 holes. Perf 6705'-6709' 1SPF 5 Holes. Perf 6681'-6699'. 1SPF 18 Holes. Perf 6644'-6646'. 1SPF. 3 Holes. TOTAL HOLES 44. Shot with 3 1/8" HSC. 120 degree phasing. Rigged down Blue Jet. SHUT DOWN.									
10/24/00	Check well pressures. 1950 psi. on casing. Flow well back thru 1/2" choke nipple. @ 8:30 AM TBG - 250 psi. @ 9:00 AM TBG - 400 psi. @ 9:30 AM TBG - 190 psi. @ 10:00 AM TBG - 170 psi. Tbg pressure stablized @ 170 psi. flowing pressure, flowing thru 1/2" choke nipple. Work on pump and burn pit. SHUT DOWN									

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Initial Completion

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Start	Ops This Apt
10/25/00	Check well pressures. CSG - 2000 psi. Open well up @ 8:00 AM. Flowing thru 1/2" choke nipple. ( 9:00 AM - 500 psi ) ( 10:00 AM - 150 psi ) ( 11:00 AM - 190 psi. ) ( 12:00 noon - 180 psi. ) ( 1:00 PM - 175 psi. ) ( 2:00 PM thru 5:00 PM - 175 psi. ). SHUT DOWN
10/26/00	Check well pressures. CSG - 2000 psi. Flow well thru 1/2" choke nipple. Pressure stablized @ 200 psi. flowing thru 1/2" choke nipple. Rigged up Blue Jet to run log. Ran AUDIO LOG from 6773' to 6400'. Sent log to Houston. Ran log with well flowing @ 200 psi. Rigged down Blue Jet. SHUT DOWN
10/27/00	Standby waiting on Frac Crew.
10/30/00	Standby waiting on frac crew.
10/31/00	Work on rig. Paint hand rails, for trailer. Waiting on frac crew.
11/1/00	Check well pressures. CSG - 2100 psi. Rig up BJ to acidize and ball off. Pumped 1500 gals of 15% HCL Acid with 65 ball sealers. Pumped acid @ 13 BPM @ 1750 psi. Good ball action. Well balled off. ISIP - 1700 psi. Rigged up Blue Jet. Run junk basket to retrieve balls. Run basket to 6775'. Retrieved 17 balls with 9 hits. Rigged up BJ to frac. Fraced well with 83,860# of 20/40 Brady sand, and 100,160# of 20/40 Super LC sand. Total sand pumped 184,020#. Total fluid pumped 2501 BBLS of 30# X-Linked Gel. Avg pressure 3350 psi. Avg rate 39 BPM. Max sand conc 5#/ gal. Max pressure 3400 psi. ISIP - 2200 psi. 15 - min. - 2157 psi. NOTE: Frac was tagged with 3 isotopes of RA Material. SHUT DOWN
11/1/00	CHECK WELL PRESSURE 500 PSI ON CASING FLOW WELL ON 1/2" CHOKE @150 PSI
11/3/00	950 PSI ON CASING, BLEED WELL DOWN AND RIH W/ 136 JOINTS 2 2/8" TBG AND METAL MUNCHER AND UNLOAD WELL W/ GAS COMPRESSORS, CONTINUE IN HOLE AND UNLOAD WELL AT 6333' SECURE WELL SION.
11/6/00	1850 PSI ON CASING, BLEED DOWN CASING, KILL TBG REMOVE STRING FLOAT AND RIH AND TAG FILL AT 6744' AND CLEAN OUT TO PLUG AT 6775' POOH W/ 14 JOINTS AND SET TBG AT 6334' AND FLOW UP TBG ON 1/2" CKOKE OVERNIGHT. TBG 175 PSI AND CASING 500 PSI (RATE 1155 MCFPD)
11/7/00	CONTINUE TO TEST WELL AT 175 PSI ON 1/2" CHOKE (RATE 1155 MCFPD) 1 1/2 TO 2 BBL WATER/ HOUR W/ A TRACE OF OIL.
11/8/00	TBG. 220 PSI, CASING 570 PSI, TBG FLOWING ON 1/2" CHOKE RATE 1452 MCFPD. RIH AND DRILL PLUG AT 6775 AND CLEAN OUT TO 6939' AND PULL UP ABOVE PEFRS AND FLOW UP CASING. MAKING HEAVY SAND AND 9 BBL WATER/ HOUR. PULL UP ABOVE PERFS AND TEST WELL UP TBG ON 1/2" CHOKE. TURN OVER TO DRY WATCH.
11/9/00	RIH AND CLEAN OUT TO PBTD AT 6961' AND PULL ABOVE AND TEST WELL 240 PSI ON TBG. FLOWING UP TBG ON 1/2" CHOKE, CASING 600 PSI RATE 1584 MCFPD 1 BBL WATER/ HOUR TRACE OF OIL AND NO SAND.
11/10/00	TBG. 240 PSI, CASING 600 PSI FLOWING ON 1/2" CHOKE 1BBL WATER / HOUR W/ TRACE OF OIL. POOH W/ 2 3/8" TBG AND METAL MUNCHER. RIG UP BLUE JET AND PERFORATE THE FOLLOWING INTERVAL W/ 4 SPF, 6755' - 6775', POOH W/ PERFORATING GUNS. AND START IN HOLE W/ MULE SHOE, AND SEATING NIPPLE ON 2 3/8" TBG. SION.
11/13/00	Check well pressures. CSG - 1850 psi. Blow casing down. RIH with 40 jts. to tag for fill. Tagged fill @ 6943' for 18' of fill. Pulled up the hole to 6601'. Tested DK zone as follows. 2 3/8" tubing @ 6601'. Flowed thru 1/2" choke nipple. TBG - 280 psi. CSG - 820 psi. MCFPD= 1848. Water - 15 bbls Oil - 2 bbls. Test witnessed by Genaro Maez with Key Well Service. Drill gas compressors would not start. Weatherford mechanic on location. Called test results into Trigon. SHUT DOWN
11/14/00	Check well pressures. CSG - 1950 psi. Blow down casing. RIH and tagged fill @ 6943'. Drill gas compressors would not start. Talked to Engineer and decided to leave 18' of fill in bottom. Still have 127' of rat hole. Pulled up and landed 2 3/8" @ 6601' with KB added in. Tubing has Mule Shoe and SN on the bottom. Total 2 3/8" tubing 208 jts. Drifted all tubing with 1.991" drift. NDBOP and NUWH. Rigged down and moved off location. FINAL REPORT

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